Find each limit (if it exists) numerically (with a table) and analytically (with algebra). Have your tables 3 columns on each side of the value you are approaching.

1. =

Example table:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | 1.9 | 1.99 | 1.999 | 2 | 2.001 | 2.01 | 2.1 |
| *f(x)* |  |  |  | (Hole) |  |  |  |

1. =
2. =
3. =
4. =   
   \*\*numerically only\*\*
5. =

\*\*numerically only\*\*